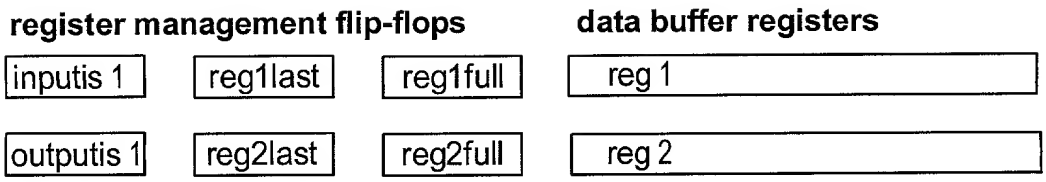


FIG. 11

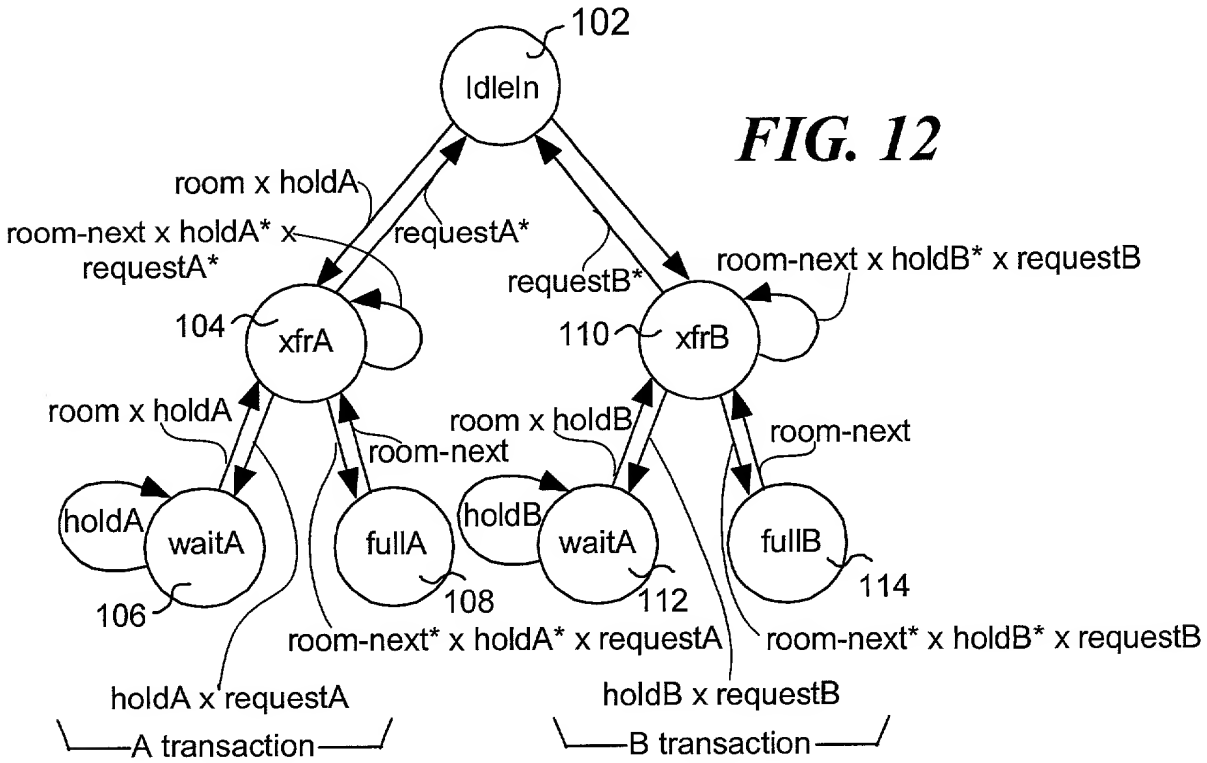
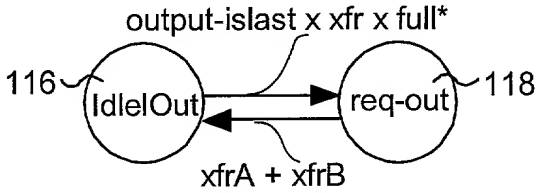


FIG. 12

transaction = IdleIn*
room-next = empty + xfr
room = reg1full* + reg2full + xfr
full = reg1full x reg2full
empty = reg1full* x reg2full*

FIG. 13



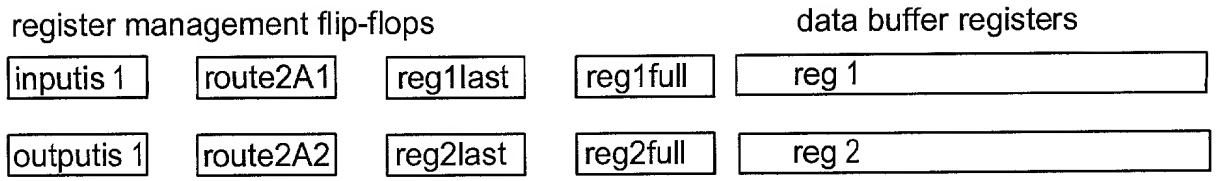


FIG. 14

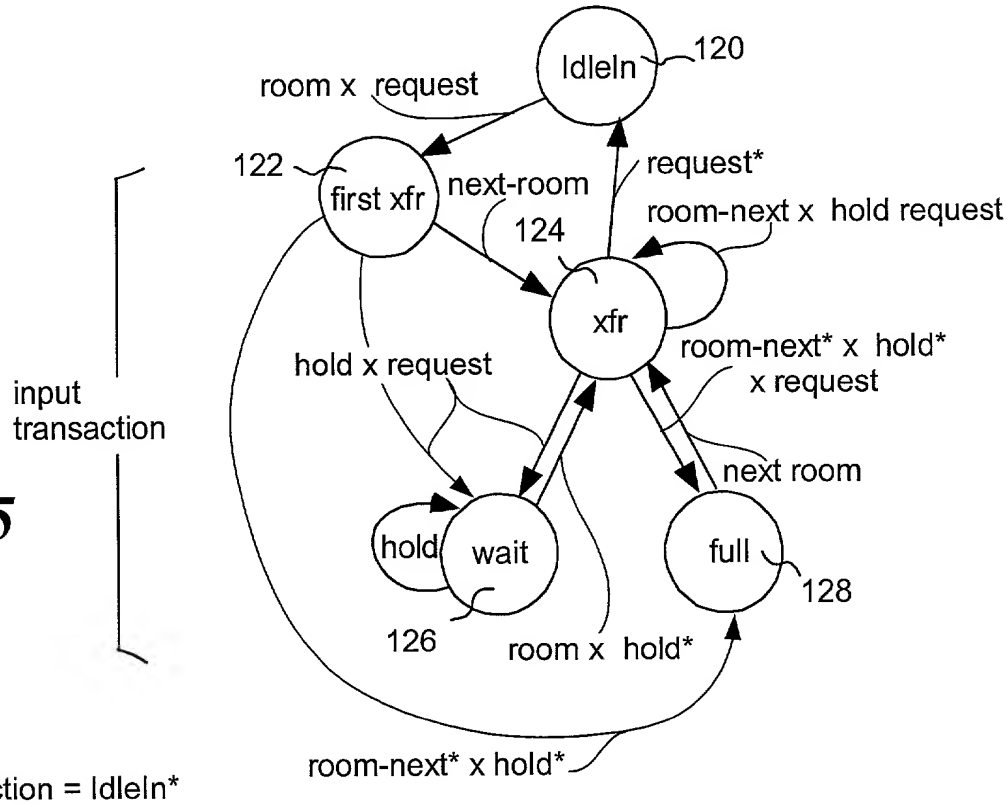


FIG. 15

transaction = IdleIn*
room-next = empty + xfrA + xfrB
room = reg1full* + reg2full* + xfrA + xfrB
full = reg1full x reg2full
empty = reg1full* x reg2full*

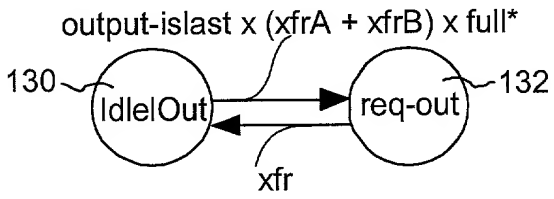


FIG. 16

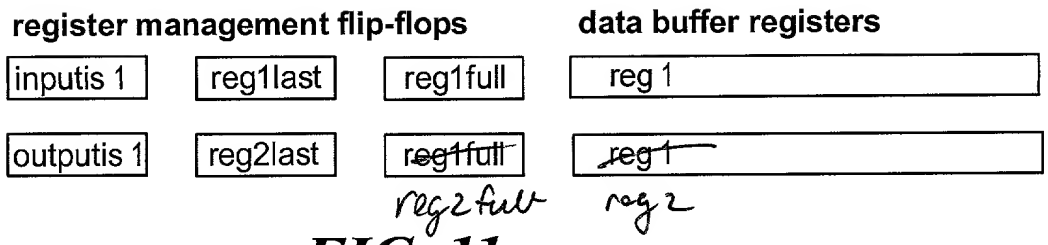


FIG. 11

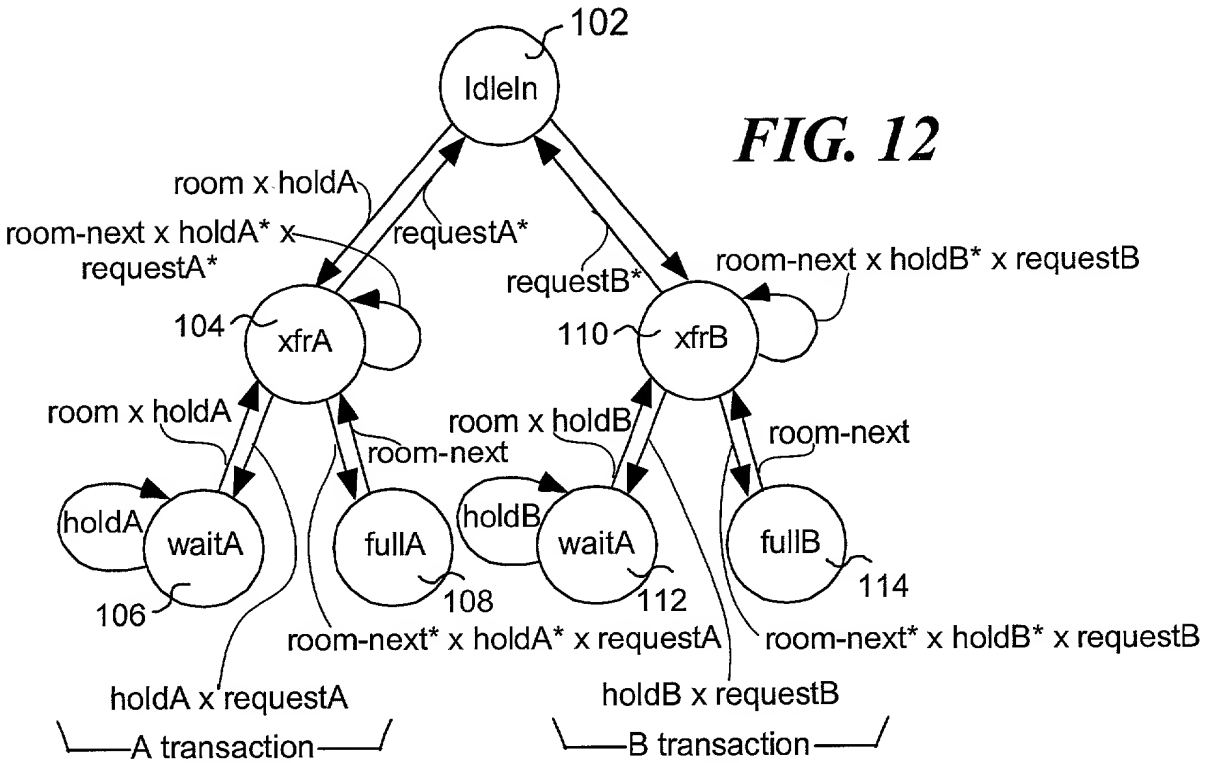


FIG. 12

transaction = IdleIn*
room-next = empty + xfr
room = reg1full* + reg2full + xfr
full = reg1full x reg2full
empty = reg1full* x reg2full*

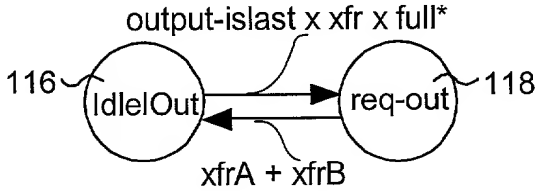


FIG. 13

FIG. 14

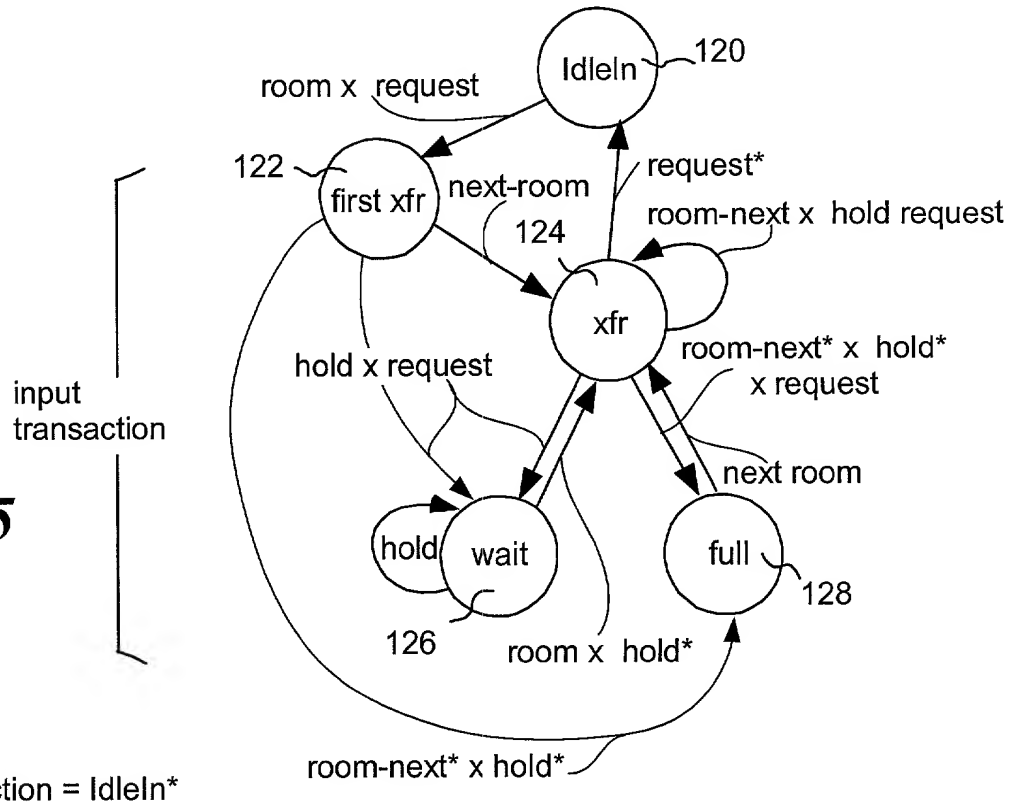


FIG. 15

transaction = IdleIn*
room-next = empty + xfrA + xfrB
room = reg1full* + reg2full* + xfrA + xfrB
full = reg1full x reg2full
empty = reg1full* x reg2full*

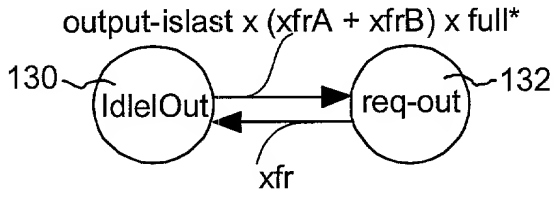


FIG. 16